

Sterilization after flooding 水害時の消毒について

When a house and facilities were suffered by a flood, infectious diseases and intoxication of foods could easily happen due to the proliferation of bacteria and viruses. In order to ensure safety life and to prevent health damage, please make the sterilization sufficiently.

If there was a flood on the floor level:

- ① Remove garbage, muds and unnecessary things in and around the house, remove water out.
- ② First remove the dirt attached on the walls, the floors and the movable property, washing with clean water or wiping with a wet cloth and let dry enough. If necessary, apply properly diluted disinfectants.
- ③ Dirt in kitchen cabinets and refrigerators should be cleaned properly.
- ④ Dirt of dishes and kitchen tools should be washed with clean water, and sterilize with boiled water or detergents family use. (If you use a detergent, rinse thoroughly with clean water.)

How to make a sterilization:

- Inside house

1. Walls, Floors, Furnitures

Disinfectant	Products on the market	Dilution	Direction to use
Benzarconium (inverted soap)	Osuban shoudokueki 10% Nikkou Zarukonin eki 10, etc.	The product indicated 10%: ✓ 10 ml of the product ✓ 1 liter of water (to obtain 0.1% of disinfectant)	Remove dirt with water or cloths, then clean with a wet cloth and disinfectant diluted. (or use spray.)

2. Dishes

Disinfectant	Products on the market	Dilution	Direction to use
Jiaensosan natrium (Sodium hypochlorite)	Haitaa (Whiter) Os Products on the market typically have 6% of density.. (Check before use)	Dilute the product for 0.02% sanitizer ✓ 2 Pet bottle caps ✓ 2 liters of water	Remove dirt with water, soak dishes more than 5 minutes in disinfectant, then rinse with water, dry naturally.

- Sterilization of fingers and hands

Disinfectant	Dilution	Direction to use
Desinfetente para dedos e mãos de tipo seca rápido. (uma mistura de sabão invertido, Chrolhexijin, Etanol, etc.)	Not necessary.	Disinfectant of fingers and hands, fast drought type. (a mixture of invert soap, Chrolhexijin, ethanol, etc.) If there is no clean water, apply disinfectant directly to the fingers and hands.

Observation:

- When handling disinfectant, use a long-sleeved shirt, long pants, masks, rubber gloves, etc., to protect skin and eyes.
- If you drop the disinfectant in the skin, wash thoroughly with water and soap.
- When the disinfectant entered in eyes flush with water at least 15 minutes, seek medical attention.
- Dilution should be done prior to use, and density must be maintained as indicated by disinfectant.
- Never mix with other disinfectant, detergent, etc.
- Never keep the remaining disinfectant in a PET bottle. (There is a risk of taking wrongly)
- Never rinse or spray the septic tank (Jyouka-sou), because this may affect the bio chemical purification.

(Prepared by the Welfare and Health Divission of Ibaraki Prefecture)